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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 43 years

Project: Part-1 (18CSC30)

Abstract

Project ID: P36

Team Members: Arjun Gandotra (160119733182)

Title: Neurological Disease Probability Prediction Using Voice Characteristics.

Abstract:

Nearly 1 billion people in the world suffer from some neurological disorder. Majority of people suffer from Alzheimer's Disease or Parkinson's Disease. These neurological diseases are basically an anomaly of the central nervous system. The difficulty in the diagnosis is that every patient has their own set of symptoms. But the most common symptom among them all is variation in their voice. So, data extracted from the voice samples of these patients can be used to predict the probability of them having a neurological disease.

This project aims to construct such a model to employ vocal characteristics to classify and predict the probability of a person having a neurological disease.

Supervisor:

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